

FILED FEB 13 2001

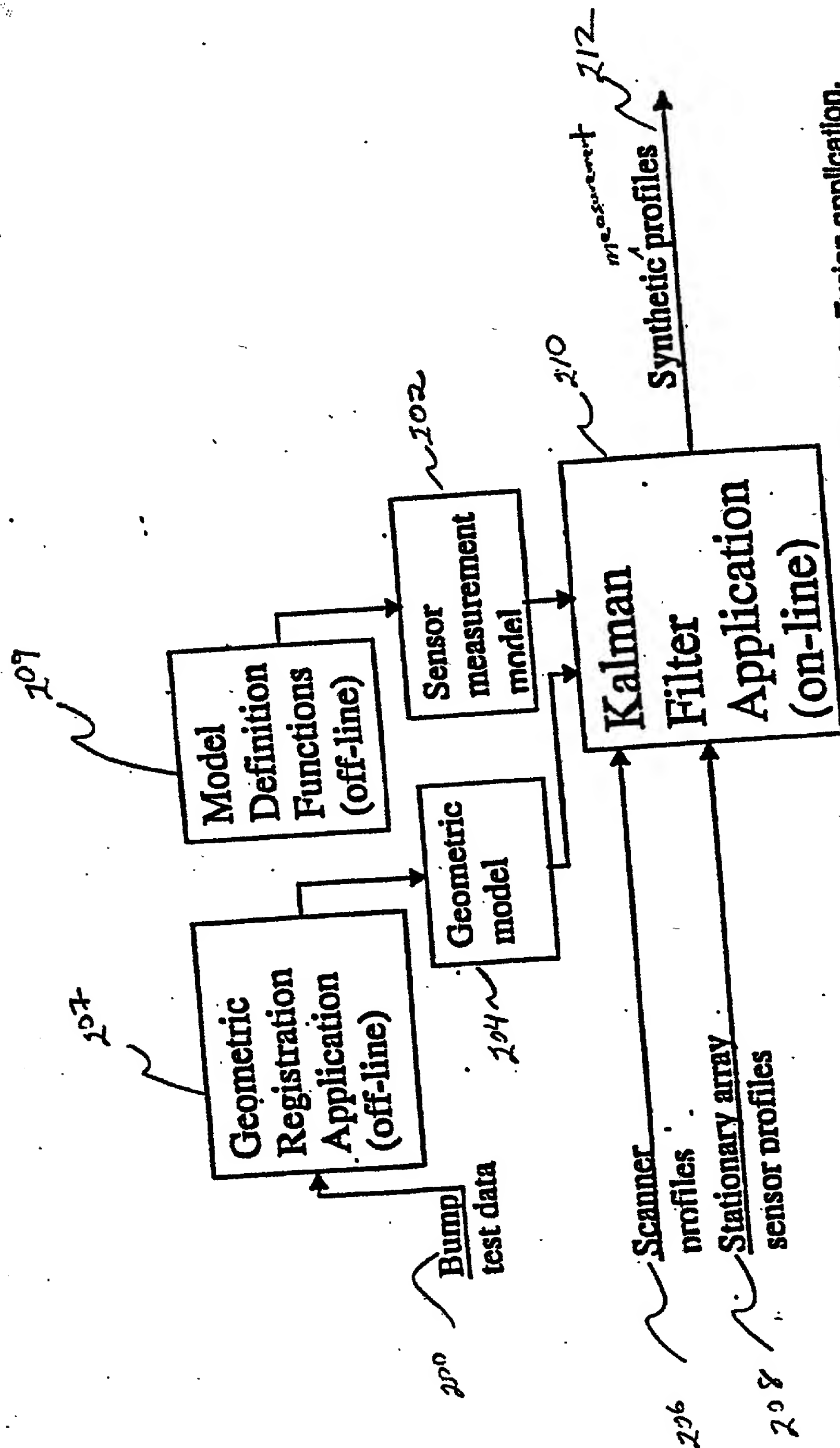


Figure 2: Overall system level diagram for the functions of the Data Fusion application.

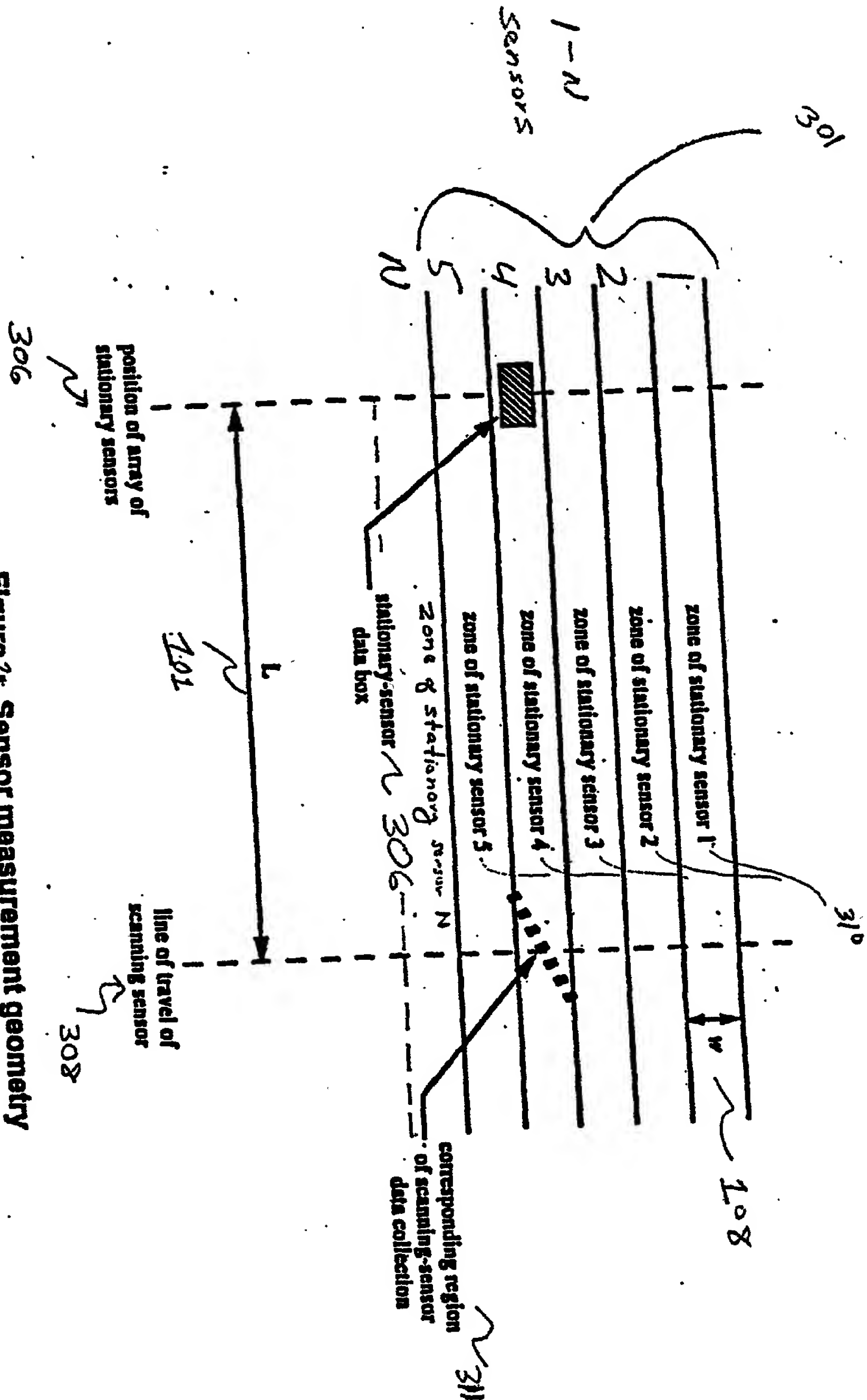


Figure 3a. Sensor measurement geometry

05603733 074304

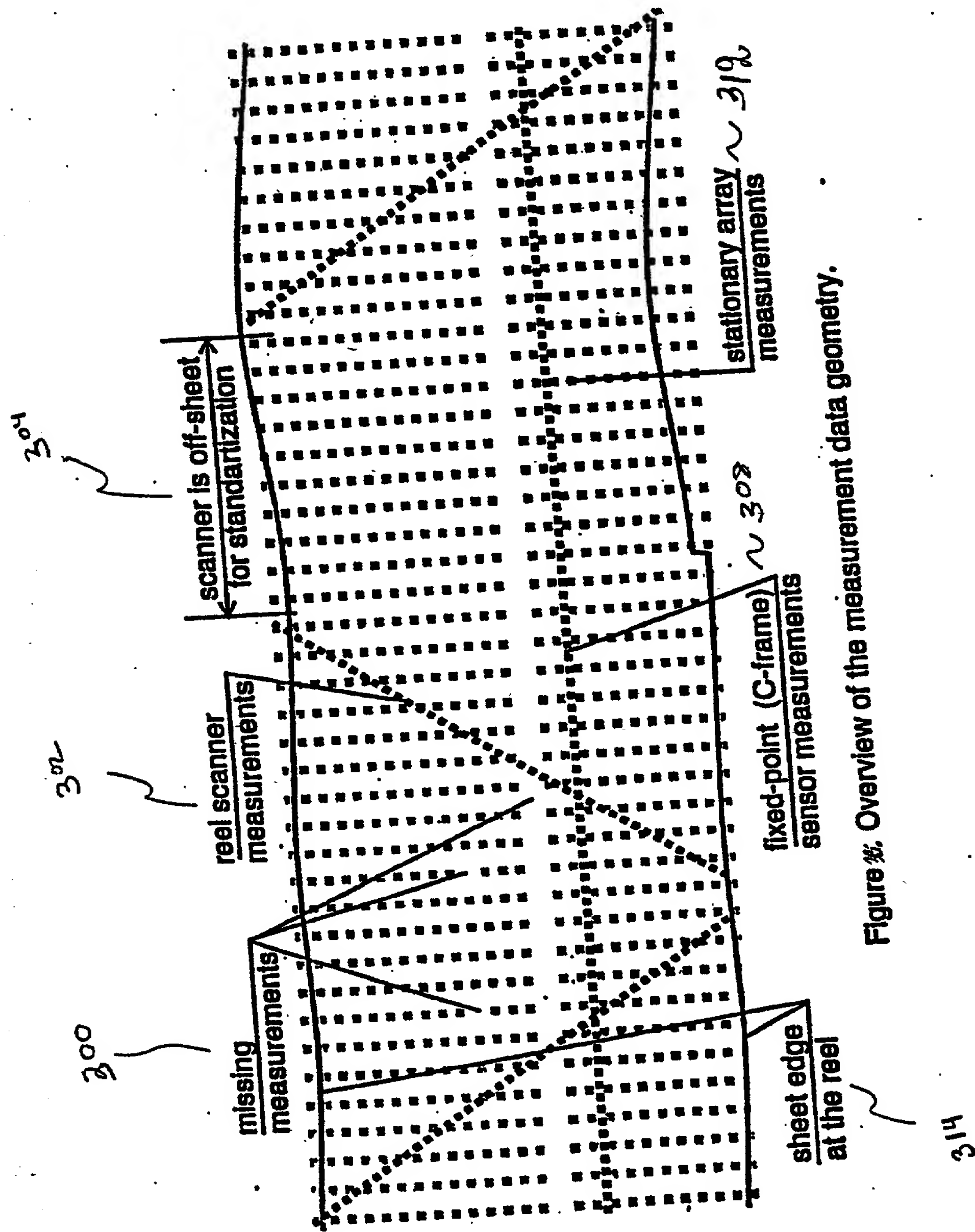


Figure 3. Overview of the measurement data geometry.

APPLN. FILING DATE: JULY 13, 2001

TITLE: DATA FUSION OF STATIONARY ARRAY SENSOR AND
SCANNING SENSOR

INVENTOR(S): MARIO IGNAGNI ET AL

APPLICATION SERIAL NO: 018028-245

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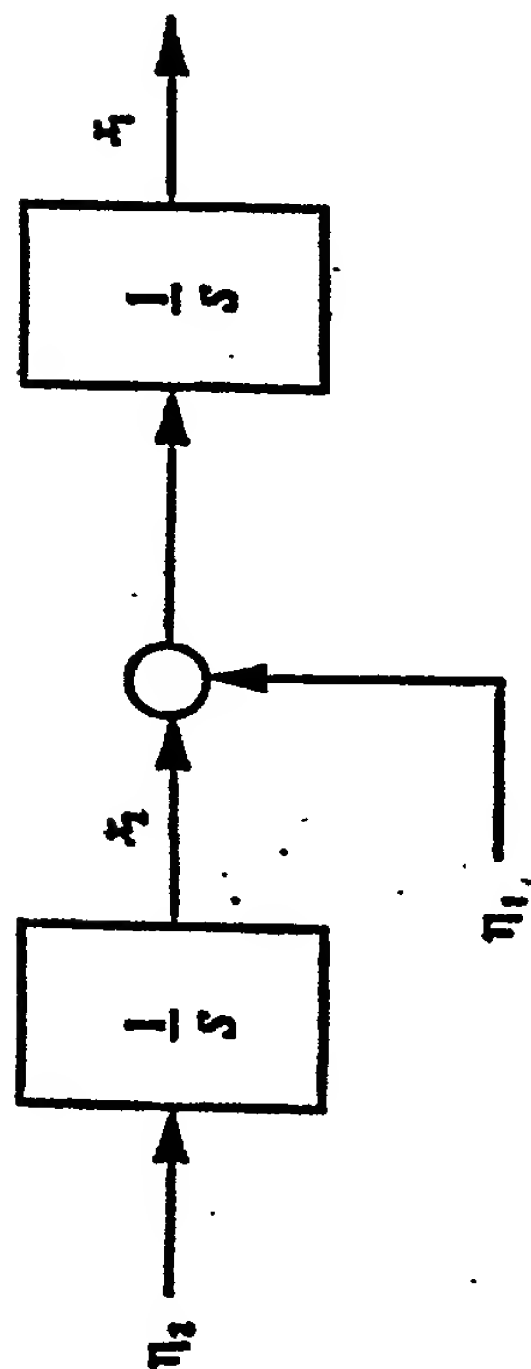


Figure 4: Dynamical model for sensor bias

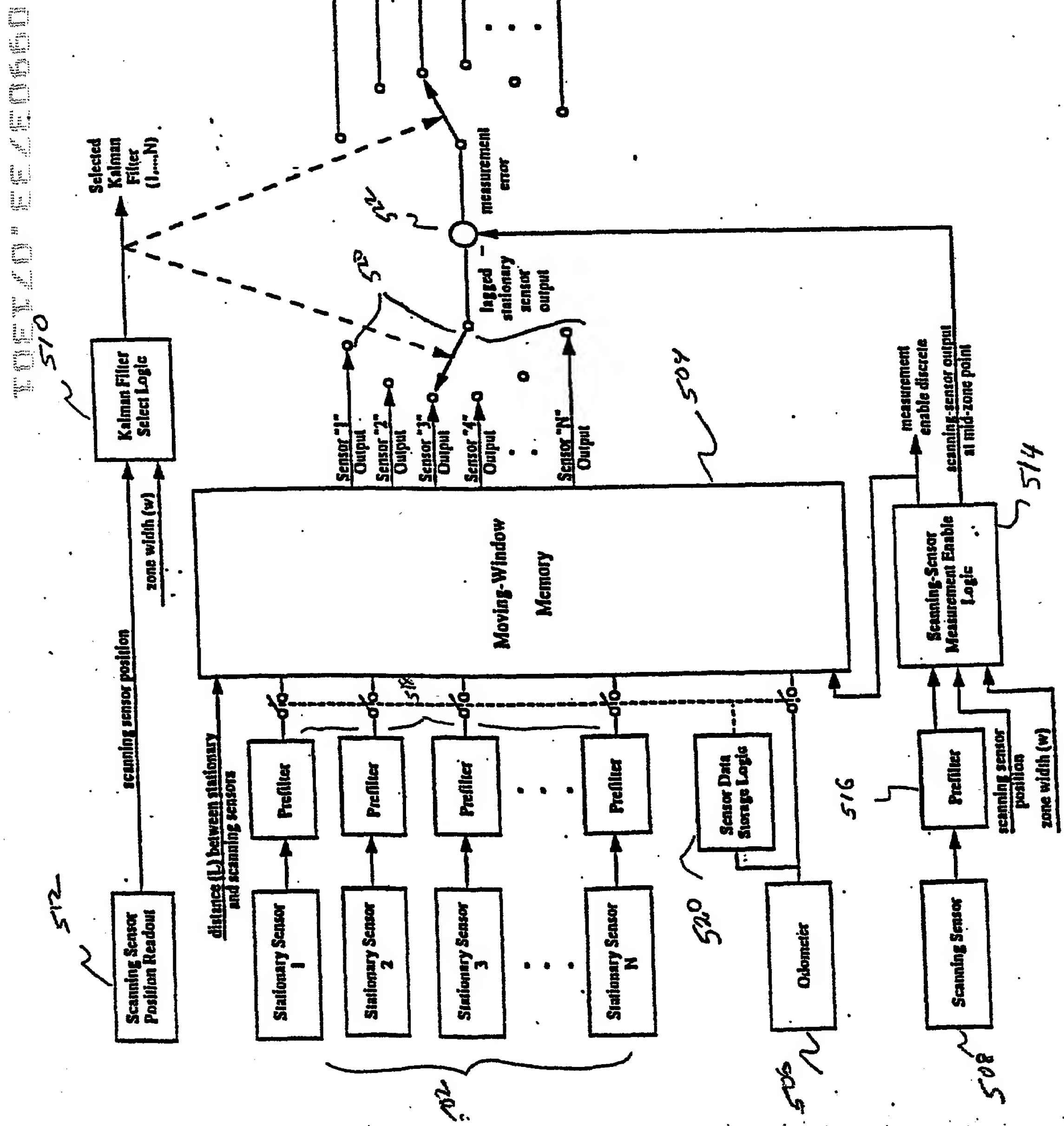


Figure 5: Stationary Sensor Bias Identification Concept

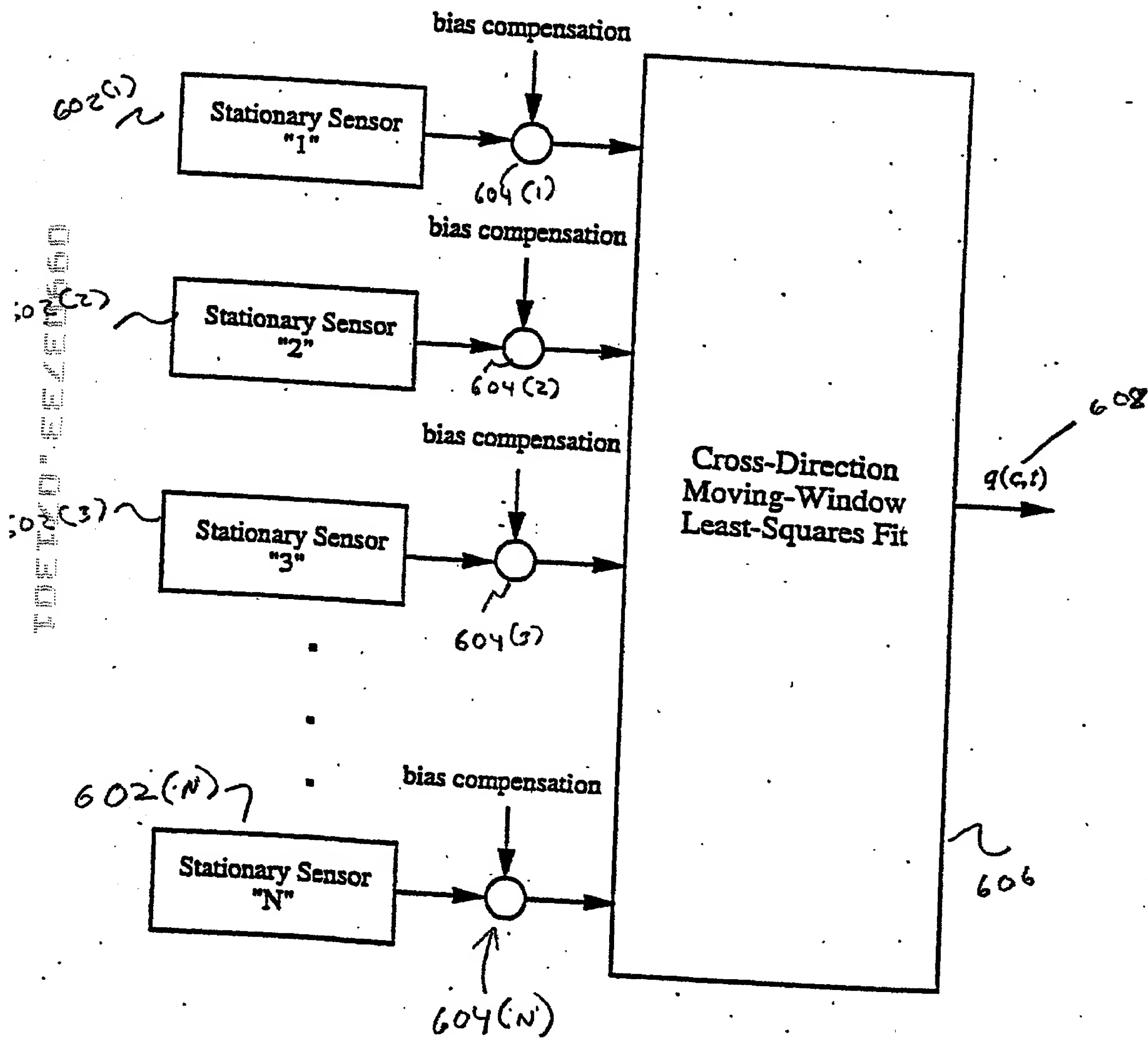


Figure 6: Moving-Window Least-Squares Processing to Derive Continuous CD
Paper Parameter Variation as a Function of Time